

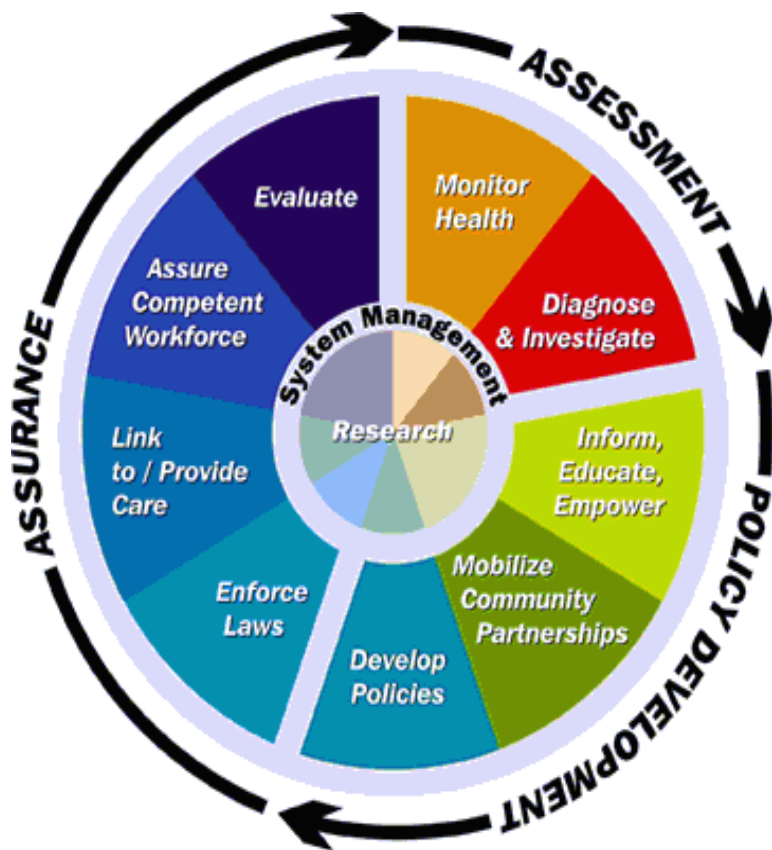


Public Health
Prevent. Promote. Protect.

Taney County Health Department
An Accredited Local Public Health Department

2014

Taney County Health Department Annual Services Report



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TCHD

4/30/2014

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Introduction

The Taney County Health Department (TCHD) works in close collaboration with local partners to strengthen and broaden public health initiatives that focus on communicable diseases, chronic diseases, environmental health, animal control, immunizations, community health education, emergency response and many other prevention efforts. The department works through various collaborative efforts with community leaders, businesses, hospitals, private practitioners, other agencies, and schools to identify the health status, needs, strengths, health concerns, gaps and assets in the community. Many community partners provide resources and engage in partnerships with the health department to address the public health issues in the county. Without these partnerships, much of the progress in addressing public health concerns that has been achieved in the county would not have been possible. The Taney County Health Department is committed to building healthier communities in Taney County and “making a positive difference”.

The purpose of this report is to provide an overview of the services provided to the residents and visitors of Taney County by the Taney County Health Department. These services represent some of the work accomplished by the department in 2013 and will help guide TCHD Program managers and board members as they review trends to determine future policy changes and budgetary issues. This report has a broad scope and reflects general program trends and issues. Identified trends should be used to initiate discussion among TCHD managers, staff, board members and community members as strategic planning considerations are reviewed.

Ten Essential Services serve as a performance standard models for public health, national public health standards and the public health accreditation board. This is the goal for Taney County Health Department and our Community.

Ten Essential Services

Monitor health status to identify community health problems.

Diagnose and investigate health problems and health hazards in the community.

Inform, educate, and empower people about health issues.

Mobilize community partnerships to identify and solve health problems.

Develop policies and plans that support individual and community health efforts.

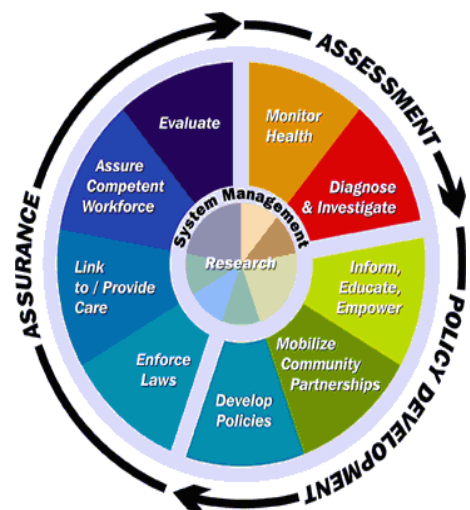
Enforce laws and regulations that protect health and ensure safety.

Link people to needed personal health services and assure the provision of health care when otherwise unavailable.

Assure a competent public health and personal health care workforce.

Evaluate effectiveness, accessibility, and quality of personal and population-based health services.

Research for new insights and innovative solutions to health problems.



Environmental Health Services

Branson			
Type of Facility - Inventory	2012	2013	Percent Change Compared to 2012
Food			
Theater/Dinner Theaters	37	34	-8.11
Restaurants/Food Service	158	152	-3.8
Retail Food	83	86	3.65
Restaurant with Buffet	29	28	-3.45
Frozen Dessert	9	9	0
Food Storage Warehouse	3	2	-33.33
Food Processors	1	1	0
Bakeries/Wholesale/Retail	4	3	-25
School	6	6	0
Concessions	22	20	-9.1
Catering and Delivery	1	0	-100
Continental Breakfast	92	88	-4.35
Total Food	445	429	-3.59
Lodging			
Lodging -Nightly Rentals	146	148	1.37
Bed and Breakfast	6	6	0
Time Share Nightly Rentals	4	4	0
Condos Nightly Rentals	1	1	0
Total Lodging	157	159	1.27
Pools			
Pools-Swimming Pools-Outdoor	158	156	-1.27
Pools-Swimming Pools-Indoor	57	56	-1.75
Pools-Wading Pool-Outdoors	19	19	0
Pools-Wading Pool-Indoors	6	6	0
Spa-Outdoors	39	39	0
Outdoor Slides	9	8	
Indoor Spa	45	45	0
Indoor Slides	1	1	0
Total Pools	334	330	-1.2
Misc			
Tattoo	6	8	33.33
Massage	17	14	-17.65
Day Care/Headstart	27	26	-3.7
Total Misc	50	48	-4
Total Inventory	986	966	-2.03

Environmental Health Services include a variety of responsibilities to enforce city codes, state statutes, and county ordinances. These focus on inspections of food service, lodging, childcare, swimming pools and spas, mobile food vending, temporary food events, and massage/tattoo businesses. Environmental Health responsibilities also include investigation of sewage complaints, well water testing, and other environmental hazards that could pose a risk to the public's health. The Environmental Health/Epidemiology Division at the Taney County Health Department (TCHD) also provide education on food safety, mold removal, radon, norovirus prevention, pool maintenance, bed bugs, communicable disease surveillance and investigations as well as other environmental health topics. Environmental Public Health Specialists (EPHS) also have significant responsibilities responding to natural and man-made disasters or emergencies. In the past two years the EPHS have responded to local flooding, tornadoes, fires, power outages, disease outbreaks, and truck wrecks. The EPHS personnel also work closely with area food services to provide health advisories; food re-calls, and respond to truck wrecks.

The information in the charts reflects the number of facilities operating in 2013 and the percent change compared to the previous year. The numbers for the facilities that are closed or inactive are not included.

Source: TCHD, Environmental Health Division/Epidemiology Division, 2014

County			
Type of Facility - Inventory	2012	2013	Percent Change Compared to 2012
Food			
Theater/Dinner Theaters	0	0	0
Restaurants/Food Service	59	54	-13.07
Retail Food	41	37	-9.76
Restaurant with Buffet	3	3	0
Food Storage Warehouse	2	1	-50
Food Processors	6	6	0
Bakeries/Wholesale /Retail	4	4	0
School	6	6	0
Concessions	12	12	0
Tavern	2	2	0
Total Food	135	125	-7.41
Lodging			
Lodging -Nightly Rentals	3	1	23.1
Bed and Breakfast	1	0	-100
Total Lodging	4	1	-75
Pools			
Pools-Swimming Pools-Outdoor	28	25	-10.71
Pools-Swimming Pools-Indoor	1	1	0
Pools-Wading Pool-Outdoors	3	3	0
Spa-Outdoors	5	4	-20
Spa-Indoors	1	1	0
Outdoor Slides	3	3	0
Total Pools	41	37	-20.5
Total Inventory	180	163	-9.44

Hollister			
Type of Facility - Inventory	2012	2013	Percent Change Compared to 2012
Food			
Restaurants/Food Service	14	13	-7.14
Retail Food	14	11	-21.43
Restaurant with Buffet	1	1	0
Food Storage Warehouse	1	0	-100
School	5	5	0
Concessions	0	2	200
Total Food	35	32	-8.57
Pools			
Pools-Swimming Pools-Outdoor	1	1	0
Total Inventory	36	33	-8.33

From 2012 to 2013 a number of facilities had either been closed or taken off inventory due to not meeting the definition of a food establishment and being exempt. The overall decrease in inventory is not significant enough to make a negative impact on the jurisdictions involved. Many new places will be coming on line in 2014 that will positively reflect on our community.

Environmental Public Health Services Inspections, Taney County, 2013					
Type of Inspection	Routine	Follow-up/ Complaints	Total 2012	Total 2013	Percent Change Compared to 2012
Food	1042	445	1445	1487	2.90
Temp Food	100	6	107	106	-0.94
Lodging	187	221	337	408	21.10
Pools	725	205	1082	930	-14.05
Childcare	29	9	34	38	11.77
Massage/Body Art	25	3	33	28	-15.15
Total Inspections	2108	889	3038	2997	-1.35

Source: TCHD, Environmental Health Division/Epidemiology Division, 2014

Approximately 27% of the routine inspections conducted in 2012 and 2013 had follow up inspections.

Water samples are routinely analyzed by the Taney County Health Department Certified Drinking Water Laboratory. This laboratory is certified by the Missouri Department of Health and Senior Services and the Missouri Department of Natural Resources. Water tests are routinely conducted to determine levels of Total Coliform and E.Coli that are present. The table below provides information on the number of tests performed by year and the percent change. A 16.99% increase was observed in the number of water test performed compared to 2012.

Water Laboratory Tests-January through December, 2013				
	2011	2012	2013	Percent Change Compared to 2012
Private Water Tests Performed	251	237	238	.01
Public Water Tests Performed	193	196	292	33.88
Total Number	444	440	530	16.99

Source: TCHD, Environmental Health/Epidemiology Division, 2014

Animal Control Services

The TCHD provides animal control services for the City of Branson and the unincorporated areas of Taney County through contractual agreements with these jurisdictions. Other cities in the county contract with the TCHD Animal Control shelter to house animals. The services provided by animal control include: responding to field calls such as abandoned animals, animal abuse, animal at large, vicious animals, animal bite investigations, injured animals, lost animals, and mutual aid requests from law enforcement and fire. The Animal Control Officers (ACOs) also assist law enforcement routinely as they perform their duties and encounter situations with animals that require animal handling training and expertise. The ACOs also have responsibility for transporting animals, responding to emergencies, inspecting facilities in the City of Branson for animal establishment permits, animal temporary event permits, and facility inspections where animals are located. The Taney County Animal Shelter provides animal sheltering, adoptions, and animal quarantine services. The Animal Shelter staff work closely with area veterinarians, humane societies, and rescue organizations to ensure a high rate of animal adoptions. Euthanasia services are not performed at the TCHD Animal Control Shelter.

In 2013, a total of 1484 animals (dogs and cats) were impounded by the TCHD animal control program. This was a 9.5% decrease over the previous year.

Shelter Services Provided, Taney County Animal Control 2010-2013					
	2010	2011	2012	2013	Percent Change 2012-2013
Dogs Impounded	1,095	964	1110	938	-15.5%
Cats Impounded	296	543	522	546	4.6%
Total Animals Impounded	1,391	1,507	1,640	1484	

Source: TCHD, Animal Control, 2014

Percent of Dogs and Cats Adopted/Redeemed or Transferred to Joplin By Jurisdiction, 2013					
Jurisdiction	Adopted or Redeemed (%)		Animals Transferred to Joplin (%)		Total Number*
	Dogs	Cats	Dogs	Cats	
Branson	161	140	0	0	301
Taney County	547	75	0	0	622
Hollister	77	25	0	0	102
Forsyth	31	33	0	0	64
Merriam Woods	27	0	0	0	27
Total (Number)	843	273	0	0	1116

Source: TCHD, Animal Control, 2014

During 2013, over 90% of dogs and 50% of cats were adopted , redeemed by their owners or transferred to rescue groups throughout the country in the animal care and control program. There were no animals transferred to the Joplin Humane Society in 2013.

Number of Incoming Dogs and Cats By Jurisdiction, 2013				
Jurisdiction	Number of Dogs	Number of Cats	Total Number	Percent of Total
Branson	170	291	461	31%
Taney County	617	154	771	52%
Hollister	85	51	136	9%
Forsyth	33	44	77	5%
Bull Creek	4	0	4	0.3%
Merriam Woods	29	6	35	2.4%
Total	938	546	1480	

Source: TCHD, Animal Control,2014

In 2013, a total of approximately 1,581 field complaints were answered by the animal control officers. The City of Branson accounted for 39% of the field complaints while the county accounted for 54% of calls. These estimates are considered to be low compared to actual field complaint calls.

Number of Field Complaints By Jurisdiction, 2013			
Jurisdiction	2012	2013	Percent Change
Branson	630	620	-1.6%
Taney County	887	848	-4.4%
Hollister***	22	17	-23%
Forsyth	105	67	-36%
Bull Creek	0	1	100%
Merriam Woods	50	28	-44%
Total	1,694	1581	

Source: TCHD, Animal Control,2013

Women, Infants, and Children (WIC) Program

The Women, Infants & Children (WIC) program is a nutrition education, health promotion and supplemental food program that helps mothers and young children eat well and stay healthy. The United States Department of Agriculture, Food & Nutrition Service provides Federal grants to states for the WIC program. The program provides supplemental foods, health care referrals, and nutrition education for low-income pregnant, breastfeeding, and non-breastfeeding postpartum women, and to infants and children up to age five who are found to be at nutritional risk.

All applicants must meet income guidelines. Individuals who meet income and category guidelines will be assessed for nutritional risk factors during the certification process. The WIC program is provided at no cost to the participant. Benefits of the WIC Program include: nutrition education and counseling, breastfeeding education and support, breast pumps, checks to buy nutritious foods to keep women and their children healthy, referrals for other health programs.

In 2013, the average monthly caseload of participants provided services through the TCHD in the WIC program was 1,954. This was a slight increase compared to the previous year's average monthly caseload. During the year, it was observed that other WIC programs in Missouri also experienced a decrease in services provided.

WIC Clients Receiving Services Fiscal Year (October –September) 2010-2013					
	FY 2010	FY 2011	FY2012	FY2013	Percent Change 2012-2013
Total Number of WIC Clients Receiving Services	25,922	24,460	24,565	23,451	-4.53
Average Monthly Caseload	2,306	2,038	2,047	1,954	-4.5

Source: TCHD, Women's, Infants, and Children Program, 2014

Children's Dental Division

The Children's Dental Division is available for children under the age of 18 and pregnant women with active Medicaid/MO HealthNet and is limited to Taney county residents only. The purpose of the Children's Dental Division is to treat, prevent and educate. The Dental Division is funded by Medicaid reimbursement and Taney County tax dollars. Medicaid reimburses on average 50% of normal and customary fees. The overhead is low because the TCHD provides the space and utilities.

Services provided through the TCHD Dental Division include: Cleanings, x-rays, fluoride, oral hygiene education, sealants, restoration, space maintainers, stainless steel crowns, root canals, and extractions. The Clinic is open five days a week and staffed with a full-time dentist, two full-time dental assistants and a division manager.

Children's Dental Division-Taney County Health Department, 2013				
	2011	2012	2013	Percent Change Compared to 2012
Total Visits	2,451	2,687	2,557	-5%
Total Extractions	248	272	194	-29%
Total Sealants	137	128	90	-30%
Oral Hygiene Instructions Given	1,396	1,646	1,498	-9%
Fluoride Treatments	1,439	1,392	1,261	-9%
OACAC	150	150	150	0%
Total Toothbrushes	1400	1500	1300	-13%
Total Toothpastes	1400	1500	200*	-87%

Source: TCHD, Children's Dental Clinic, 2014 *Free samples for toothpaste not available

In 2013 the Children's Dental Division had a total of 2,557 office visits. The Dental Division also provided fluoride treatments to 1,261 patients in Taney County; and provided dental screening for the Ozarks Area Community Action Corporation (OACAC) which includes 150 Head Start children.

The Dental Division continues to refer several young patients a year to pediatric dentists in Springfield, MO for hospital sedation. Multiple referrals for teenagers are made to the oral surgeons for wisdom teeth removal. And, children that qualify for braces covered by MoHealthNet and based on medical needs are referred orthodontists.

Health Education Programs

Community Outreach provided health education messages in a variety of ways including, participation in health fairs; promoted health messages through the use of the TCHD website, Face book and Twitter; community presentations, monthly radio show, press releases and live media interviews.

Newspaper

- Press Releases – 27 submitted
 - Branson Tri-Lakes News – 25 published in the newspaper with a reach of 9,000 per article
 - Branson Tri-Lakes News – 8 online articles with a reach of approximately 45,000 per article
- Taney County Times – 24
 - Reach 4,850
- Independent (Free) – 20
 - Reach approximately – 10,000

Social Media

- Face Book -
 - Posts for 2013 = 141
 - Views on 141 posts = 29,823 (includes repeat users)
- Twitter
 - Tweets = 309
 - Followers = 144
 - Following = 288
- HealthEmail
 - Average 195 email participants
 - 21 messages sent

Community Presentations – 16

Hometown Radio “At Your Service” one-hour show – 13

- Reach approximately 6000 per show

Live Media interviews – 19

Health Fairs- 5

Community Coalition participation

- OWN it Coalition
- Alcohol Drug Abuse Prevention Team (ADAPT)
- Tri-Lakes Clean Air Alliance
- Healthy Family Taskforce

Increasing awareness of healthy lifestyles to prevent debilitating chronic diseases, such as obesity and heart disease will continue. Collaboration between the Taney County Health Department and community partners has provided some initial success by illustrating the willingness among community members to participate in efforts addressing these problems. The health priorities identified through the Community Health Assessment process have impacted many residents of Taney County. Many other health problems such as diabetes, heart disease, cancer, and stroke can be decreased in the county by addressing behaviors and lifestyle choices related to tobacco use, substance abuse, nutrition, and exercise.

The Taney County Health Department will continue to work with community partners to strengthen and implement needed local programs and policy changes. Additionally, the process will continue as updated information is provided to the community to increase awareness, encourage discussion and gather feedback.

The Community Outreach Division works closely with community partners to identify health priorities and develop health improvement action plans to guide the community when addressing these priorities.

Clinical Services Programs

The Taney County Health Department provides many clinical services for members of the community. These services include: child and adult immunizations, travel immunizations, family planning, pandemic Influenza Response/Mass Vaccination Clinics, pregnancy testing, pre-natal case management, blood pressure checks, TB case management, breast and cervical cancer screening, communicable disease investigation and prevention, health education, blood lead screening, laboratory tests through the State Public Health Laboratory, and STD testing and treatment.

In 2013, 5,692 vaccinations were provided which was a 2.08% increase compared to 2012. Increases were seen in services provided in pre-natal case management (127%), and well women's visits (59.82%). Decreases in Family Planning may be attributed to changes in other local programs which have decreased local family planning service availability. Another attributing factor could be referral of woman to Mo Health Net for woman's health services which allows them to use other providers.

Clinical Services Provided-Taney County, 2010-2013					
	2010	2011	2012	2013	Percent Change Compared to 2012
Total Vaccinations	6,767	5,546	5,576	5,692	2.08
Number of People Vaccinated	3,194	2,915	2,860	3,836	34.13
Prenatal Case Management	84	188	151	344	127.82
Well Women's Visits	1,178	1,392	1,075	1,718	59.82
Family Planning Clients	841	1,043	975	922	-5.44

Source: TCHD, Clinical Division, 2014

Emergency Preparedness and Response

The Taney County Health Department is an active partner with other emergency response agencies in the community. The Health Department is a member of the Local Emergency Planning Committee (LEPC), Southwest Missouri Emergency Services Organization (SMESO), Missouri Food Safety Task Force, and the Tri-lakes Health Care Coalition. These groups meet regularly to discuss issues, review plans, participate in exercises, and provide updates regarding current activities. This exercise involved multiple agencies in the area from the hospital, law enforcement, fire, Emergency Medical Services, the health department, and emergency management. This exercise was a tremendous success and allowed area responders to gain valuable information regarding responding to large-scale Hazmat incidents.

In 2013, the TCHD emergency preparedness and response activities included the following:

- Disease Surveillance
- Table top Exercise with response partners
- Annual Reports and Assessments
- Annual updates of Emergency Response Plan
- Completion of Pandemic Improvement Planning

Epidemiology

Communicable disease surveillance is a multi-component system that monitors and analyzes data that includes – but is not limited to – demographic, geographic, and disease/condition-specific information. Accurate identification and timely reporting are integral parts of successful disease control, enabling public health agencies to:

- Identify contacts who may be infected or other individuals at risk for infection,
- Determine the incidence and prevalence of disease in a specific area of the state,
- Assist physicians and hospitals in evaluating illnesses in their patients and communities, and
- Assist the public in making better decisions regarding their health and lifestyle.

Successful communicable disease surveillance enhances control efforts; such as developing prevention/intervention strategies and policies, and responding to events involving potential exposure to communicable disease.

Gastrointestinal (GI) illnesses affect the digestive tract and may include symptoms such as nausea, vomiting, diarrhea (watery and/ or bloody), cramping, headache, chills, malaise or fever.

People become infected through fecal-oral route and may occur as food or water becomes contaminated as a result of contact with improperly prepared or cooked foods, unpasteurized milk or untreated water source. Food may also become contaminated if individuals do not properly wash their hands after using the toilet or prior to preparing, handling or eating food.

Gastrointestinal Illnesses Rate Per 10,000-By, 2012 & 2013				
County	Taney			
	2012		2013	
Condition	Cases	Rate	Cases	Rate
CAMPYLOBACTERIOSIS	1	0.19	0	0
CRYPTOSPORIDIOSIS	0	0	0	0
E COLI SHIGA TOXIN POS	1	0.19	2	0.39
E. COLI O157:H7	1	0.19	1	0.19
GIARDIASIS	3	0.57	0	0
SALMONELLOSIS	4	0.76	4	0.76
SHIGELLOSIS	0	0	1	0.19
LISTERIOSIS	0	0	0	0

Source: CrystalReports, 2014

Hepatitis Surveillance

The word "**hepatitis**" means inflammation of the liver and also refers to a group of viral infections that affect the liver. Viral hepatitis is the leading cause of liver cancer and the most common reason for liver transplantation. The most common types of Hepatitis in the U.S. are Hepatitis A, B, or C. In the United States, an estimated 1.2 million Americans are living with chronic Hepatitis B and 3.2 are living with chronic Hepatitis C.

Viral Hepatitis Cases, Rate per 10,000 -2013		
	Taney	
	Number	Rate
HEPATITIS A ACUTE	0	0
HEPATITIS B (PREGNANCY) PRENATAL	1	0.19
HEPATITIS B ACUTE	0	0
HEPATITIS B CHRONIC INFECTION	2	0.39
HEPATITIS C CHRONIC INFECTION	64	12.39

Source: Websurv, 2014

Seasonal influenza is a highly contagious viral disease that usually affects the respiratory system. Symptoms include fever, cough, sore throat, headache, runny nose, body aches, chills, and sometimes diarrhea and vomiting. Influenza can range from mild to severe illness and may sometimes lead to death. It can lead to pneumonia, dehydration, ear and sinus infections, and worsening of previous medical conditions. Those aged 65 years and older, children under age 2, and persons of any age with chronic medical conditions are at highest risk for serious complications of flu. In Missouri, influenza and pneumonia are associated with approximately 1,500 - 3,000 deaths per year (DHSS,2013). The economic impact of influenza illness is staggering.

Summary Table of the Total Influenza Cases by Type and Age Group To Date							
Influenza Type	< 2 YRS	2 - 4 YRS	5 - 14 YRS	15 - 24 YRS	25 - 44 YRS	45 - 64 YRS	OVER 65 YRS
Influenza A	1	10	23	7	16	2	17
Influenza B	2	5	14	1	6	1	4
Untyped/Unknown	0	0	1	0	0	0	0
TOTAL	3	15	38	8	22	3	21

Tuberculosis(TB) is a disease caused by a bacterium called *Mycobacterium tuberculosis*. It is transmitted person-to-person through air droplets when someone who is sick with active TB. Not everyone who ingests the germs becomes sick. Two results can happen from exposure to a person with active TB, both are treatable and curable. Person can develop active TB or latent TB infection (LTBI). With latent TB infection you will have no symptoms and TB cannot be spread to others and will usually have a positive skin test reaction. TB may develop later in life if they do not receive treatment for LTBI.

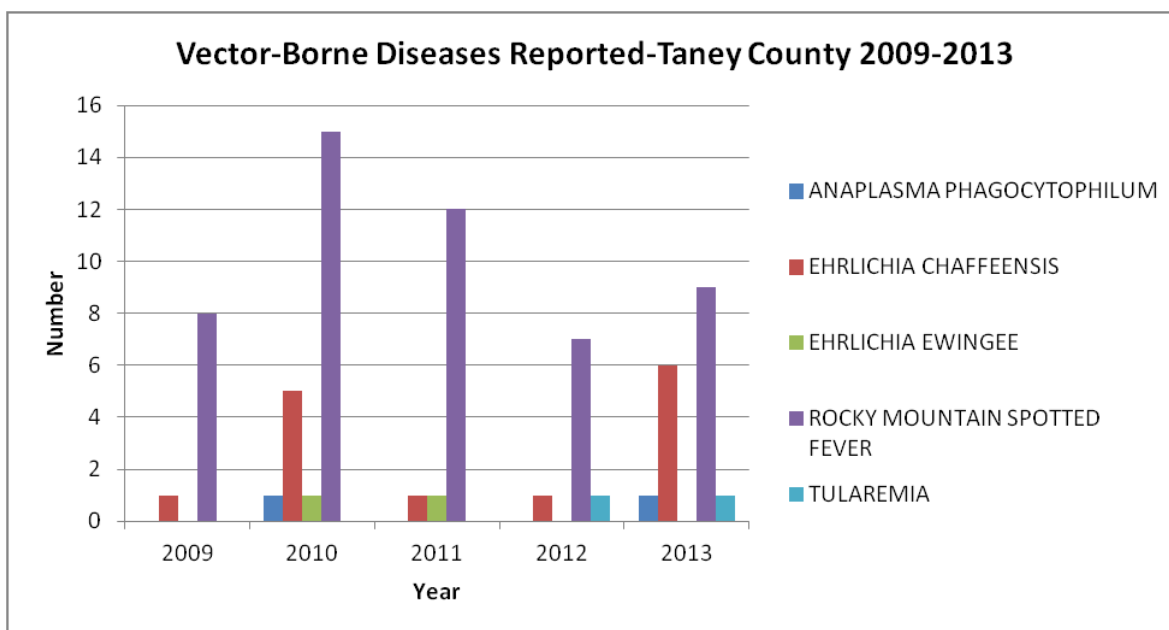
Number of Reported Tuberculosis Infections and Disease, 2012-2013				
	Infection		Disease	
	2012	2013	2012	2013
Taney	9	18	0	0
Missouri	2,672	3,249	91	115

Source: CrystalReports, 2013

Vector-borne Diseases

Vector-borne diseases are those diseases that are transmitted to humans or other animals by an insect or other arthropod. Vectors of human disease in Missouri are typically ticks or mosquitoes. Some species of mosquitoes and ticks are able to transmit viruses, rickettsiae, bacteria, or parasites to humans.

In the United States, ticks are responsible for more human disease than any other insect. Tick-borne diseases are also known as zoonotic diseases. A zoonotic disease is an infectious disease that can be transmitted between animals and humans. Ticks are very effective transmitters of disease because most ticks take blood from a large variety of small and large mammals, reptiles, and even birds. In general, ticks must ingest a blood meal before they can molt and move to the next stage in their life cycle. Ticks become infected with a disease-causing agent by feeding on infected mammals or birds. For example, a tick can pick up Lyme disease from a field mouse, and later in its life transmit bacteria to a deer, dog, or human.



Source: Websurv, 2013

Discussion

The Taney County Health Department programs provide services to clients throughout Taney County. The majority of the clients live in Western Taney County where Branson and Hollister are located. The Table below provides an overview of the percent of clients by location and program. Clients from the Branson area make up 35%-49% of clients that participate in programs.

Public Health Services, By Client Place of Residence- Taney County, 2013			
	WIC Clients- FY13 (%)	Dental Services (%)	Clinical Services (%)
Bradleyville	1.54	.40	0.40
Branson	48.89	35.44	48.69
Cedar Creek	0.36	0.46	2.42
Forsyth	9.51	22.06	9.69
Hollister	15.42	12.92	11.80
Kirbyville	5.96	6.66	5.94
Kissee Mills	1.90	2.76	2.42
Powersite	0.57	0.63	0.43
Protem	0.51	0.06	0.50
Point Lookout	0.05		1.02
Ridgedale	1.08	1.03	1.02
Rockaway Beach/ Merriam Woods	10.13	10.80	5.38
Taneyville	2.83	4.82	5.03
Walnut Shade	1.23	1.72	2.16
Out of County			3.10

Source: TCHD, 2014

Trends observed in the data from the various programs indicated that some programs have experienced increasing trends in the services provided. Services provided through the Clinical Division, Animal Control, and the water lab demonstrated an increase in demand for these services. Other programs such as the Dental Clinic, WIC, and Environmental Health inspections have demonstrated decreasing trends in the amount of services provided. These decreases have been due to a number of reasons. The TCHD engages in a rigorous Continuous Quality Improvement and Program Evaluation program to identify these trends throughout the year. This allows for program adjustments as needed.

One of the leading health indicators for Health People 2020 is Clinical Preventive Services, which includes routine disease screening and scheduled immunizations that are key to reducing death and disability and improving the Nation's health. These services both prevent and detect illnesses and diseases—from flu to cancer—in their earlier, more treatable stages, significantly reducing the risk of illness, disability, early death, and medical care costs. Below is the Healthy People 2020 goal and where Taney County stands within those goals. Tuberculosis did not make the HP 2020 goal for Taney County but with more education on prevention this number should decrease with increased efforts in education and prevention this goal is achievable.

Healthy People 2020 Goal (Rate per 100,000)		
Communicable Disease	2013 Taney	Healthy People 2020
Campylobacter	0.0	8.5
E.coli (STEC)	0.19	0.6
Listeria Monocytogenes	0.0	0.2
Salmonella	0.76	11.4
Tuberculosis (new cases)	3.48	1.0

Source: HP2020,TCHD, 2012

The *County Health Rankings*, a collaboration between the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute, measure the health of nearly all counties in the nation and rank them within states. The *Rankings* are compiled using county-level measures from a variety of national and state data sources. These measures are standardized and combined using scientifically-informed weights.

The *County Health Rankings* team synthesizes health information from a variety of national data sources to create the Rankings. Most of the data we use are public data available at no charge. Measures based on vital statistics, sexually transmitted infections, and Behavioral Risk Factor Surveillance System (BRFSS) survey data were calculated for us by staff at the National Center for Health Statistics and other units of the Centers for Disease Control and Prevention (CDC). Measures of health care quality were calculated for us by staff at The Dartmouth Institute.

The *County Health Rankings* are compiled from many different types of data. To calculate the ranks, we first standardize each of the measures. The ranks are then calculated based on weighted sums of these of the standardized measures within each state. The county with the lowest score (best health) gets a rank of #1 for that state and the county with the highest score (worst health) is assigned a rank corresponding to the number of places we rank in that state

2014 County Health Ranking						
	Taney	Chrisitan	Stone	Greene	Missouri	Top U.S.
	County	County	County	County		Performers*
Health Outcomes						
Length of Life						
Premature death	7,582	6,089	7,980	7,902	7,827	5,317
Quality of Life						
Poor or fair health	20%	12%	18%	15%	16%	10%
Poor physical health days	4	2.8	3.2	4.1	3.7	2.5
Poor mental health days	5.2	3.7		3.6	3.8	2.4
Low birthweight	7.60%	6.30%	7.50%	7.20%	8.10%	6.00%
Health Factors						
Health Behaviors						
Adult smoking	31%	21%	25%	21%	23%	14%
Adult obesity	31%	29%	31%	29%	31%	25%
Food environment index	6.8	8.2	7.8	7.4	7.3	8.7
Physical inactivity	30%	26%	30%	24%	27%	21%
Access to exercise opportunities	41%	37%	67%	74%	70%	85%
Excessive drinking	10%	18%	17%	12%	17%	10%
Alcohol-impaired driving deaths	24%	20%	51%	37%	34%	14%
Sexually transmitted infections	199	183	140	451	464	123
Teen births	53	34	49	37	41	20
Clinical Care						
Uninsured	22%	17%	21%	17%	16%	11%
Primary care physicians	1,256:1	2,619:1	3,226:1	983:01:00	1,455:1	1,051:1
Dentists	3,218:1	3,655:1	7,967:1	1,544:1	2,042:1	1,439:1
Mental health providers	3,039:1	2,773:1	3,541:1	616:01:00	975:01:00	536:01:00
Preventable hospital stays	61	48	52	50	72	46
Diabetic screening	83%	90%	87%	89%	86%	90%
Mammography screening	61%	65%	68%	64%	62%	71%
Social & Economic Factors						
High school graduation	87%	91%	90%	83%	82%	
Some college	55%	71%	42%	68%	63%	70%
Unemployment	10.30%	5.80%	10.40%	5.90%	6.90%	4.40%
Children in poverty	30%	18%	30%	23%	23%	13%
Inadequate social support	20%	15%	17%	17%	19%	14%
Children in single-parent households	37%	21%	37%	33%	33%	20%
Violent crime	540	243	324	543	466	64
Injury deaths	65	52	69	79	73	49
Physical Environment						
Air pollution - particulate matter	10.6	10	10.3	9.5	10.2	9.5
Drinking water violations	8%	24%	6%	1%	4%	0%
Severe housing problems	17%	12%	14%	15%	14%	9%
Driving alone to work	77%	82%	76%	83%	81%	71%
Long commute - driving alone	19%	39%	47%	16%		

Source: County Health Rankings 2014